

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

NCI Group, Inc. 14031 West Hardy Houston, TX 77060

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 'R-Panels" 22 ga. & 24 ga. Structural Galvalume Steel 1-1/4" x 36" Roof Panels

APPROVAL DOCUMENT: Drawing with no number, titled "PBR Panel Flashing Detail", sheets 1 through 11, prepared by NCI Group, Inc., dated July 27, 2011, signed and sealed by Mark Detwiler, P.E., on July 27, 2011, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 08-0212.06 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY
APPROVED

NOA No. 11-0810.07
Expiration Date: 02/27/2013
Approval Date: 12/08/2011

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 96-0529.03

A. DRAWINGS

1. Title:

"R-Panel" Roof Panel

Number:

R95, sheets 100 through 110

Signature:

Terrence E. Wolfe, P.E.

Date: Revision Date: 05/23/96 01/30/97

B. TESTS

1. Laboratory

Farabaugh Engineering and testing, Inc.

Number

T103-96, dated 01/18/96.

Type:

Uniform static air pressure loading, per ASTM 1592 (22 ga R-

Panel)

Signature:

Daniel G. Farabaugh, P.E.

2. Laboratory

Farabaugh Engineering and testing, Inc.

Number

T102-96, dated 01/11/96

Type:

Uniform static air pressure loading, per ASTM 1592 (24 ga R-

Panel)

Signature:

Daniel G. Farabaugh, P.E.

3. Laboratory

Farabaugh Engineering and testing, Inc.

Number

T104-96, dated 01/05/96

Type:

Large missile impacts, per PA 201-94 (24 ga R-Panel)

Signature:

Daniel G. Farabaugh, P.E.

4. Laboratory

Farabaugh Engineering and testing, Inc.

Number

T118-96, dated 04/26/96

Type:

Susceptibility to leakage for class 1 metal roof panel, per "FM

4471-G" (24 ga R-Panel)

Signature:

Daniel G. Farabaugh, P.E.

5. Laboratory:

West Penn Testing Laboratories, Inc.

Number:

WP-9048 (Report # 034), dated 01/31/96

Type:

Tensile Strength (22 ga R-Panel)

Signature:

Todd A. Ault

6. Laboratory:

West Penn Testing Laboratories, Inc.

Number:

Signature:

WP-9048 (Report # 034), dated 01/31/96 Tensile Strength (22 ga and 24 ga R-Panels)

Type:

Todd A. Ault

Helmy A. Makar, P.E., M.S. PERA, Product Control Unit Supervisor

NOA No. 11-0810.07

Expiration Date: 02/27/2013 Approval Date: 12/08/2011

E - 1

NCI Group, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. Laboratory:

Center For Applied Engineering, Inc.

Number:

MTS No. 257558, dated 03/27/96

Type:

Wind Driven Rain Test per PA 100-95 (24 ga R-Panels)

Signature:

R. G. Miller, P.E.

C. CALCULATIONS

I. Title:

22 gage and 24 gage R-Panel

Signature:

Terrence E. Wolfe, P.E.

Date:

05/23/96

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 99-0823.04

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. STATEMENTS

1. Letter requesting renewal of NOA No. 96-0529.03 and stating that the product has not changed, dated August 12, 1999, signed by Brian N. Jaks.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 02-1016.04

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

Heimy A. Makar, P.E., M.S.

PERA, Product Control Unit Supervisor

NOA No. 11-0810.07

Expiration Date: 02/27/2013 Approval Date: 12/08/2011

NCI Group, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. MATERIAL CERTIFICATIONS

1. None.

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0212.06

A. DRAWINGS

1. None.

B. TESTS

- 1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test on R-Panel 24 ga. X 36" wide, prepared by Farabaugh Engineering and Testing Inc., Report No. T216-07, dated 06/15/2007, signed and sealed by Patrick J. Farabaugh, P.E. and Daniel G. Farabaugh, P.E.
- 2. Test report on Uniform Static Air Pressure Test on PRB-Panel 22 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08A, B, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.
- 3. Test report on Uniform Static Air Pressure Test on PRB-Panel 22 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08C, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.
- 4. Test report on Uniform Static Air Pressure Test on PRB-Panel 24 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08D, E, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.
- 5. Test report on Uniform Static Air Pressure Test on PRB-Panel 24 ga. X 36" wide, per ASTM 1592-01, prepared by Force Engineering & Testing Inc., Report No. 07-0004T-08F, dated 01/28/2008, signed and sealed by Terrence E. Wolfe, P.E.
- 6. Test procedure for wind and wind driven rain resistance of discontinuous roof systems performance for R-Panel Steel Roof 36" wide x 24 ga. Per TAS 100-95, test report # T351-07, dated 12/20/07, signed and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

- 1. Tensile Test foe 22 ga. From test # 07-0004T-08A, B.
- 2. Tensile Test foe 24 ga. From test # 07-0004T-08A, B.

Helmy A. Makar, P.E., M.S.

PERA, Product Control Unit Supervisor

NOA No. 11-0810.07 Expiration Date: 02/27/2013 Approval Date: 12/08/2011

NCI Group, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing with no number, titled "PBR Panel Flashing Detail", sheets 1 through 11, prepared by NCI Group, Inc., dated July 27, 2011, signed and sealed by Mark Detwiler, P.E., on July 27, 2011.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs.

E. MATERIAL CERTIFICATIONS

1. None.

F. OTHERS

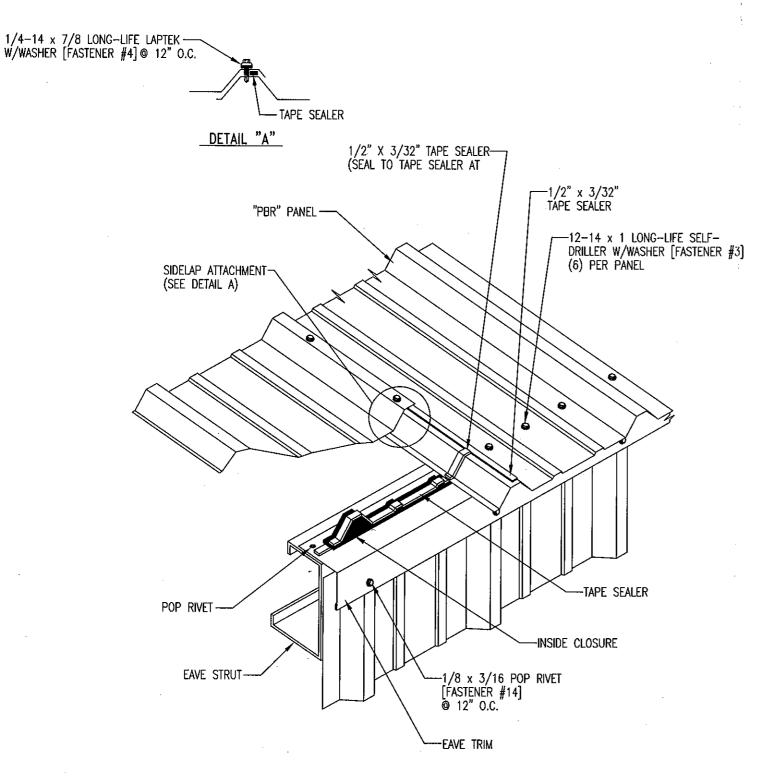
1. Bill of Sale, assignment and Assumption Agreement.

Helmy A. Makar, P.E., M.S. PERA, Product Control Unit Supervisor

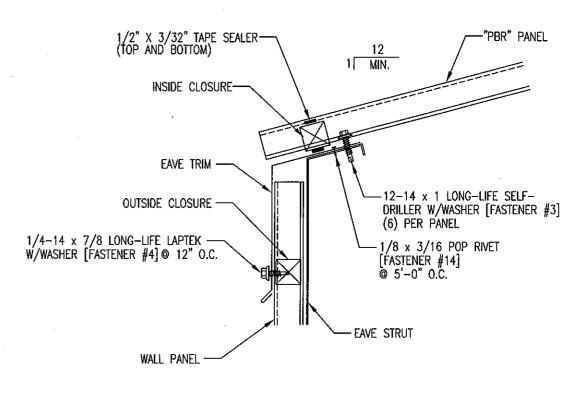
NOA No. 11-0810.07

Expiration Date: 02/27/2013 Approval Date: 12/08/2011

TYPICAL DETAILS OF EAVE TRIM



ISOMETRIC VIEW OF EAVE TRIM



CROSS SECTION OF EAVE TRIM

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 1-0810.07
Expiration Date 02/27/2013

By Lun A. Miami Dado Roduct Control

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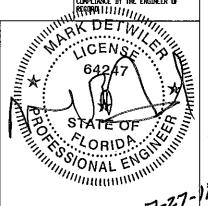
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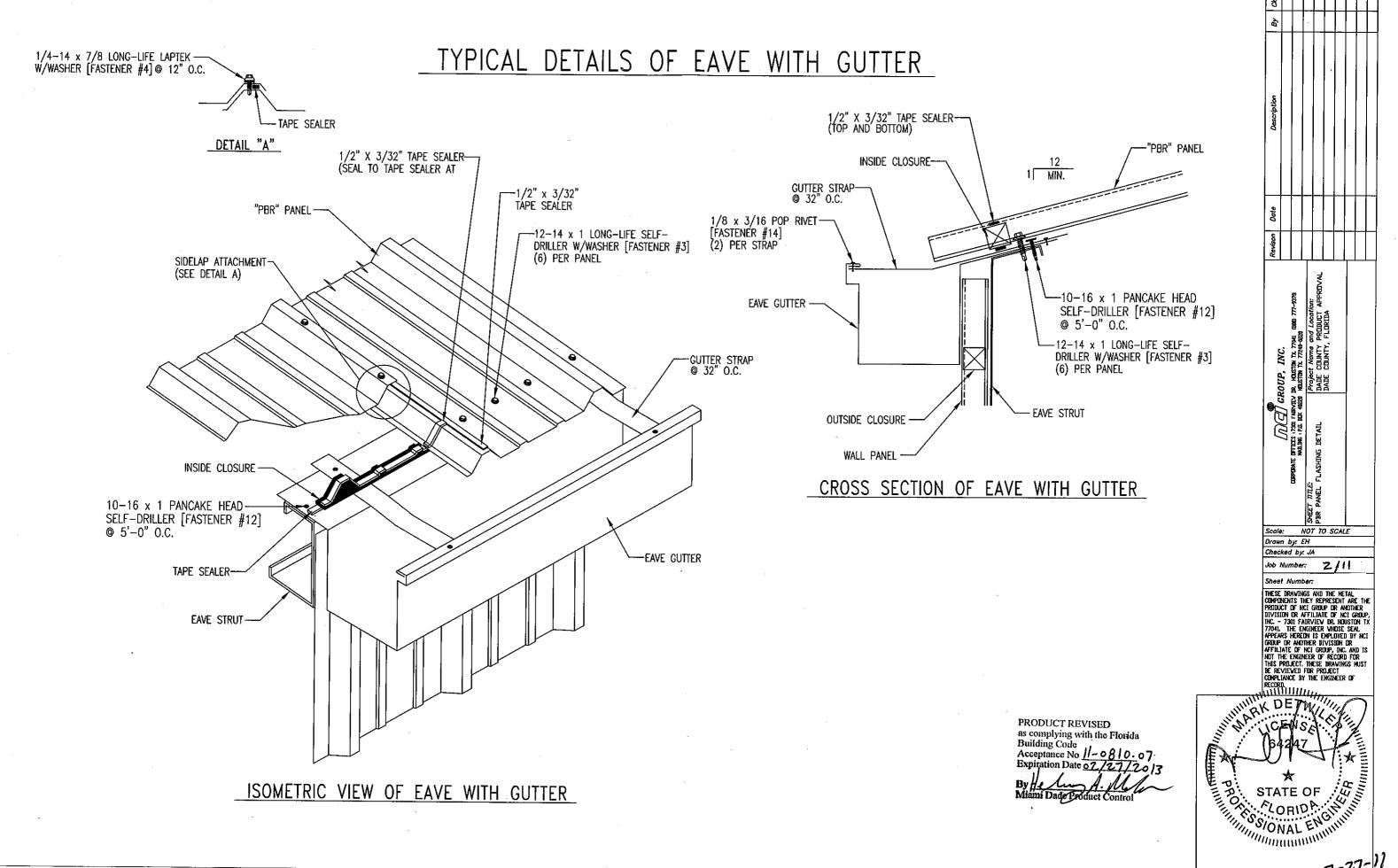
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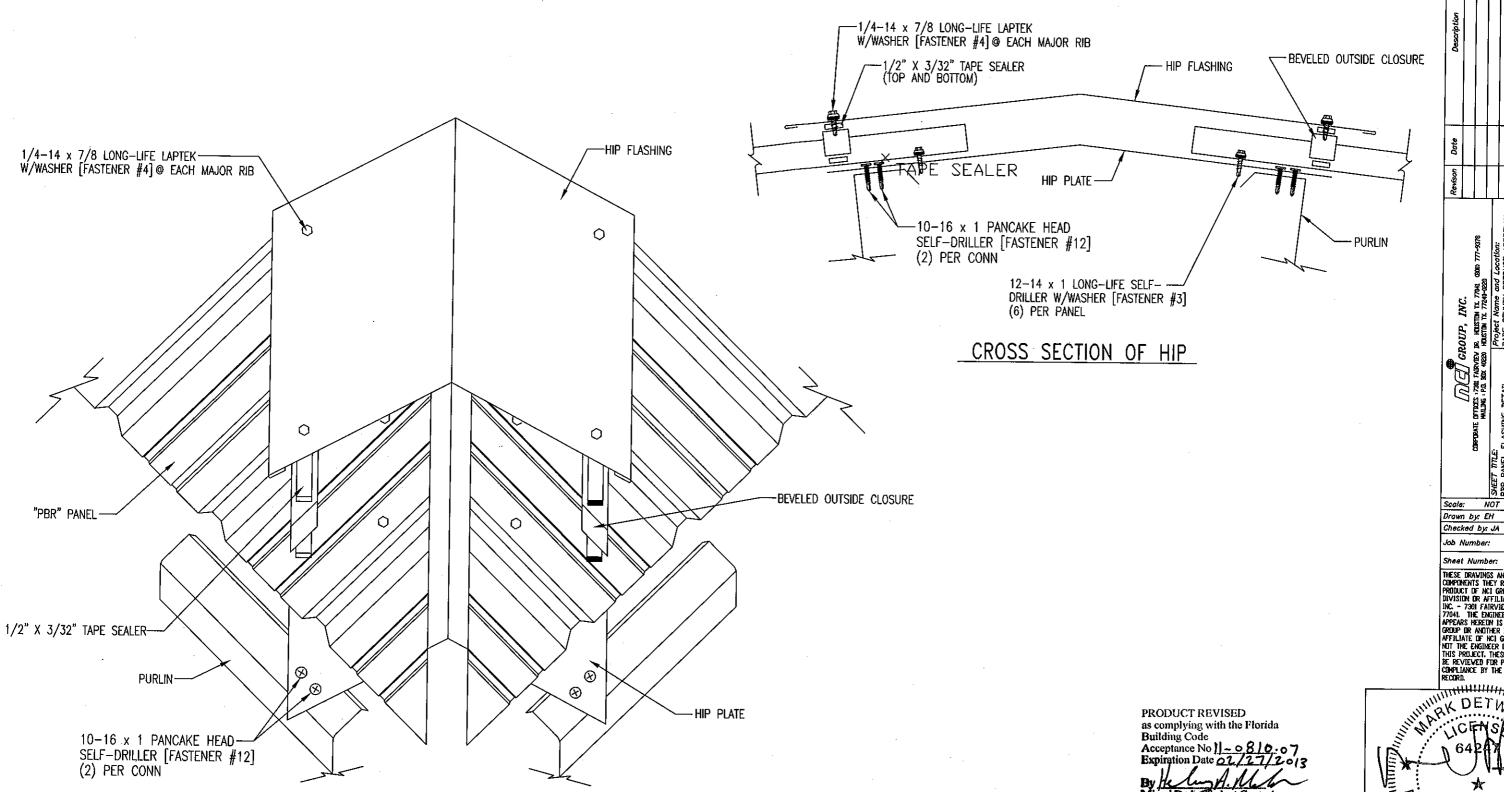
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THESE DRAVINGS AND THE NETAL COMPINENTS THEY REPRESENT ARE THE PROBUCT OF NOT GROUP OR ANOTHER DIVISION OR AFFILIATE OF NOT GROUP, INC. - 7301 FARVIEW OR. HOUSTON TX 77041. THE ENGINEER VINUSE SEAL APPEARS HEREON IS EMPLOYED BY NOT GROUP, INC. AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT. THESE RAVINGS MUST BE REVIEWED FOR PROJECT COMPLIANCE BY THE ENGINEER OF RECORD FOR THIS PROJECT. THESE RAVINGS MUST BE REVIEWED FOR PROJECT COMPLIANCE BY THE ENGINEER OF RECORD THE THE PROJECT OF RECORD THE PROJECT O





TYPICAL DETAILS OF HIP



ISOMETRIC VIEW OF HIP

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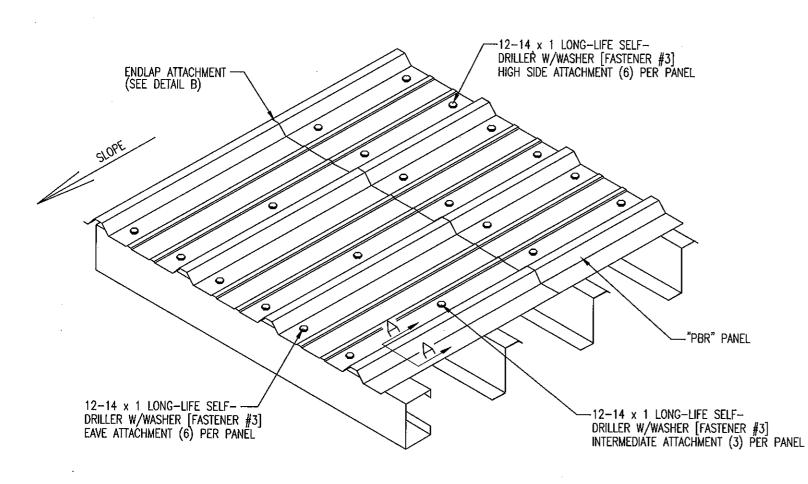
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BO STATE OF WAR PORTER OF THE PROPERTY OF THE 7-27-17

TYPICAL DETAILS OF PANEL LAPS



MIN. –12–14 x 1 LONG-LIFE SÉLF– DRILLER W/WASHER [FASTENER #3] (6) PER PANÉL "PBR" PANEL-TRI-BEAD TAPE SEALER

DETAIL "B"

 $1/4-14 \times 7/8$ LONG-LIFE LAPTEK — W/WASHER [FASTENER #4] @ 12" O.C. -TAPE SEALER DETAIL "A"

ISOMETRIC VIEW OF "PBR" PANEL ROOF

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 1 - 08/0.07 Miami Dade Product Control

CIPPERATE EFFECS: 1738 HARVERD IN TIVEL GERO 777-5378

WILLING DETAIL

PROJECT NAME OF LOCATION:

PROJECT NAME OF LOCATION:

PROJECT NAME OF LOCATION:

DADE COUNTY PRIDUCT APPROVAL

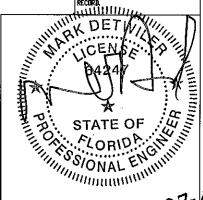
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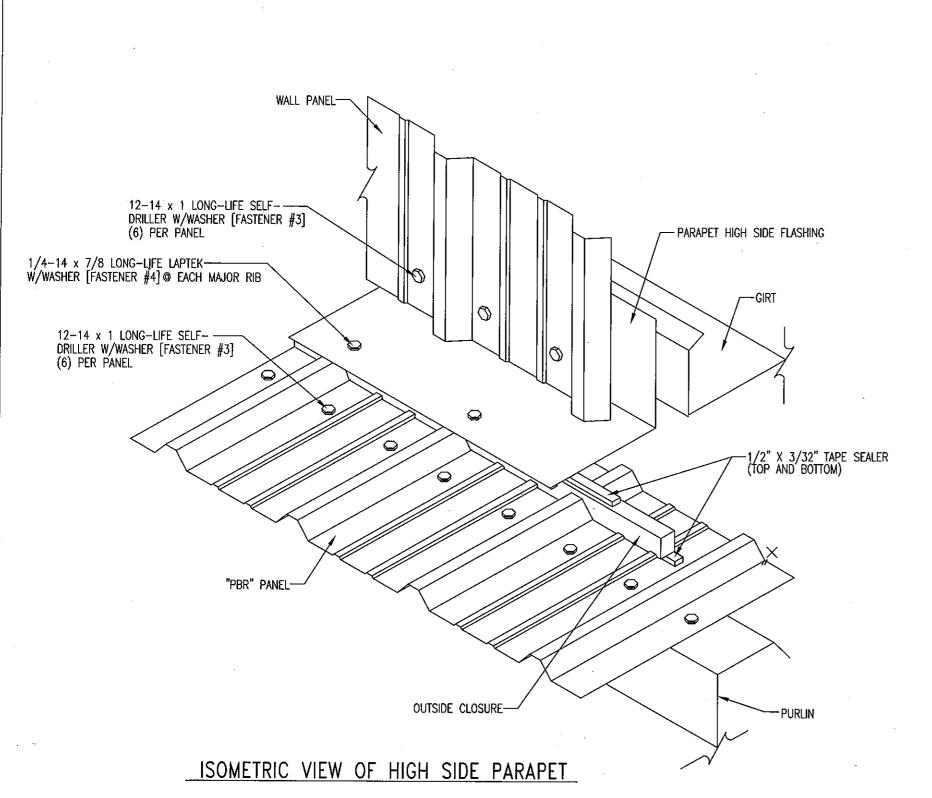
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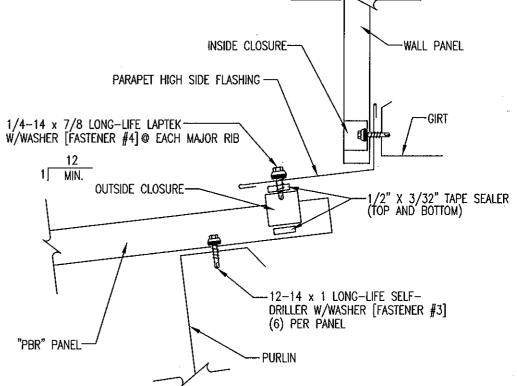
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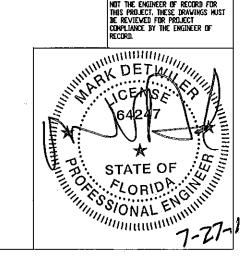




CROSS SECTION OF HIGH SIDE PARAPET

TYPICAL DETAILS OF PARAPET HIGH SIDE

PRODUCT REVISED as complying with the Florida Building Code Acceptance No // -By Herry H. Www. Miami Dade Product Control



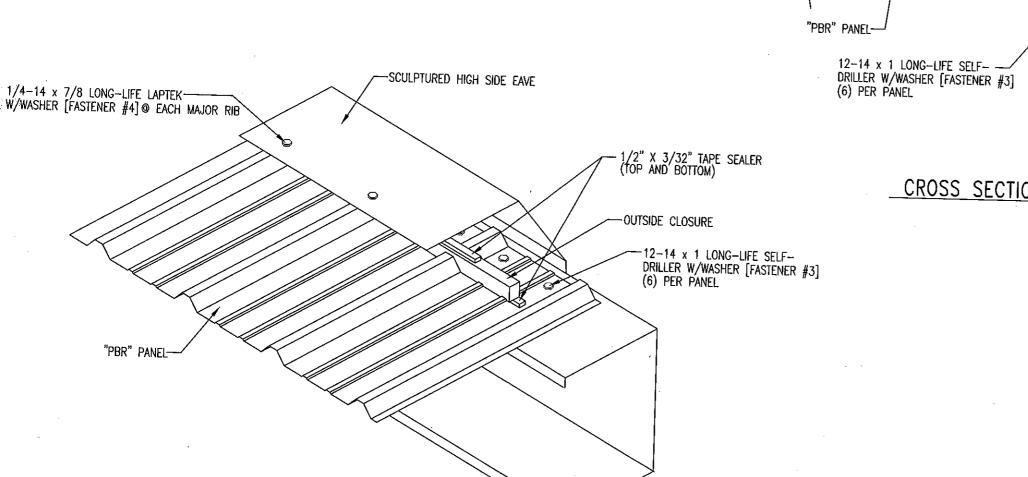
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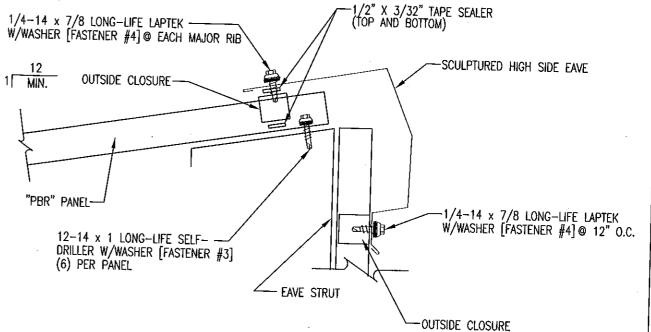
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TYPICAL DETAILS OF HIGH SIDE EAVE





CROSS SECTION OF HIGH SIDE EAVE

PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No | - 08 | Expiration Date 02/27

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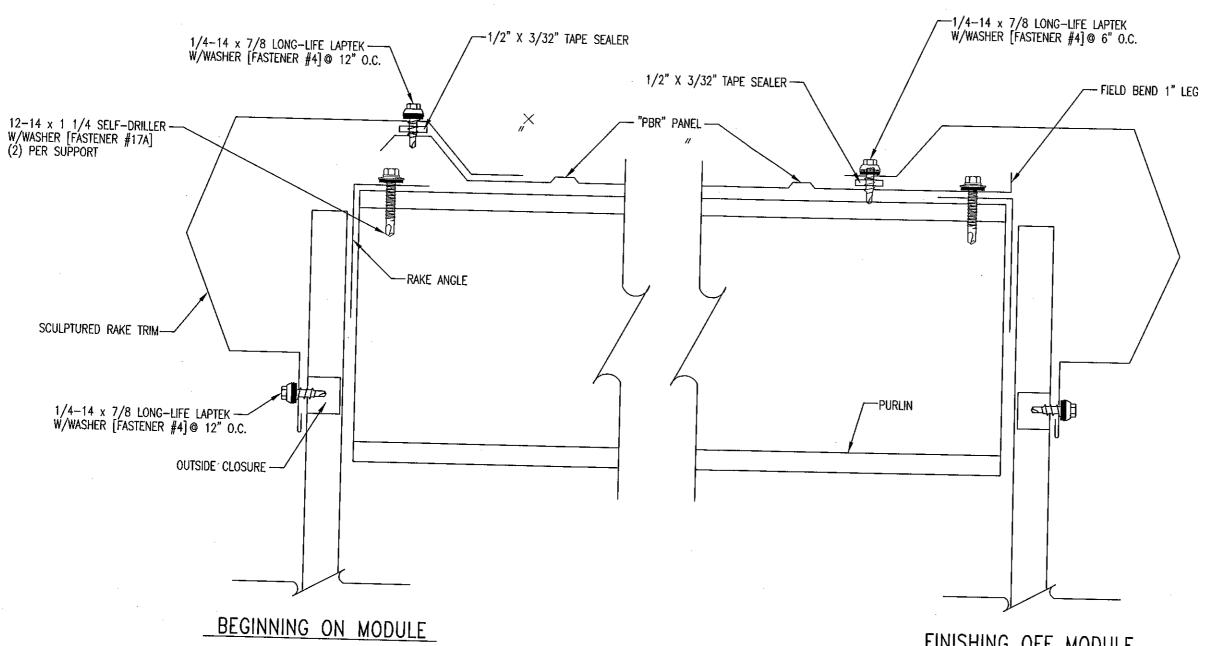
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ISOMETRIC VIEW OF HIGH SIDE EAVE

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TYPICAL DETAILS OF RAKE

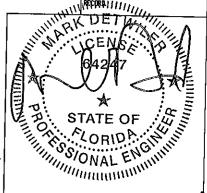


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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No | - 0810.07

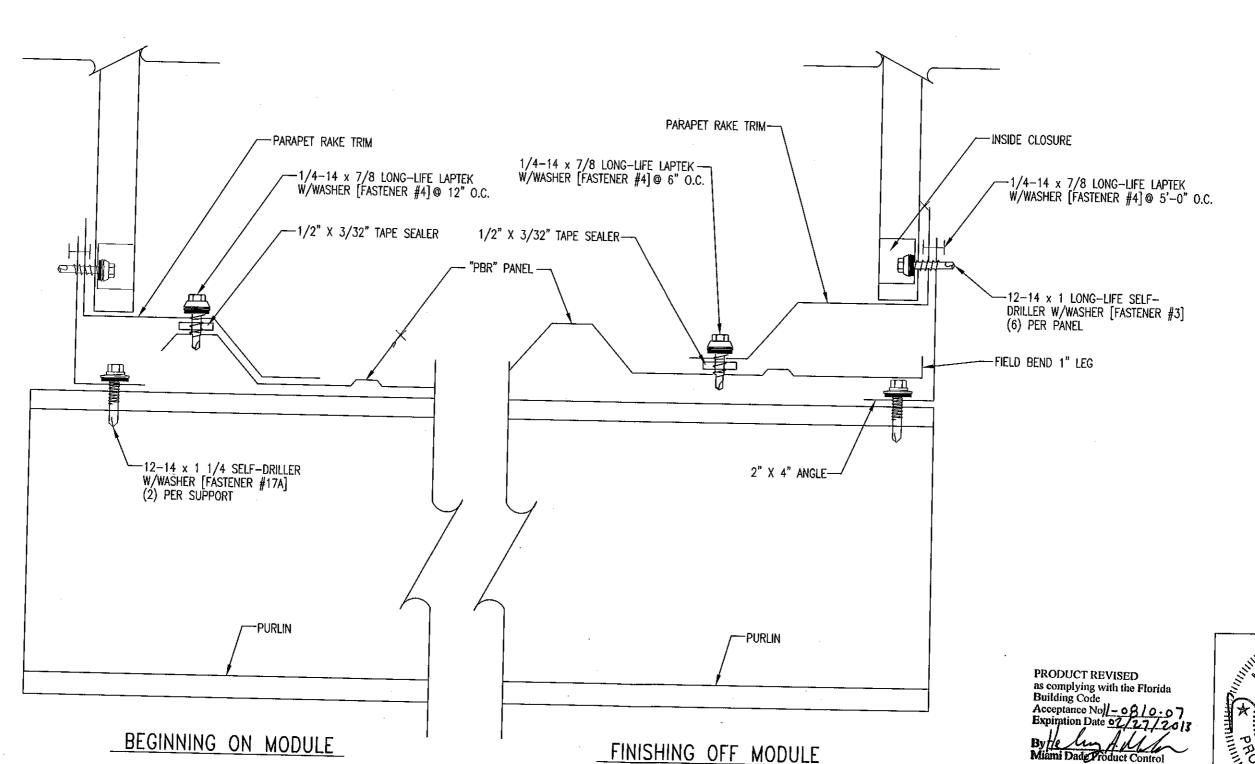
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7-27-11

TYPICAL DETAILS OF PARAPET RAKE



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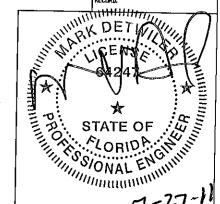
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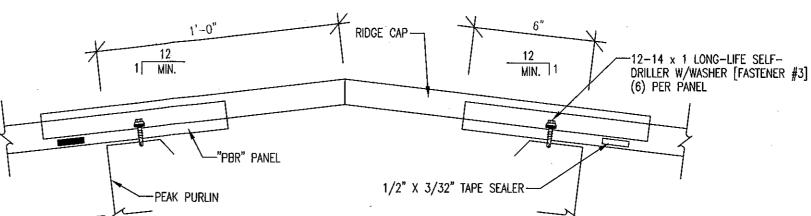
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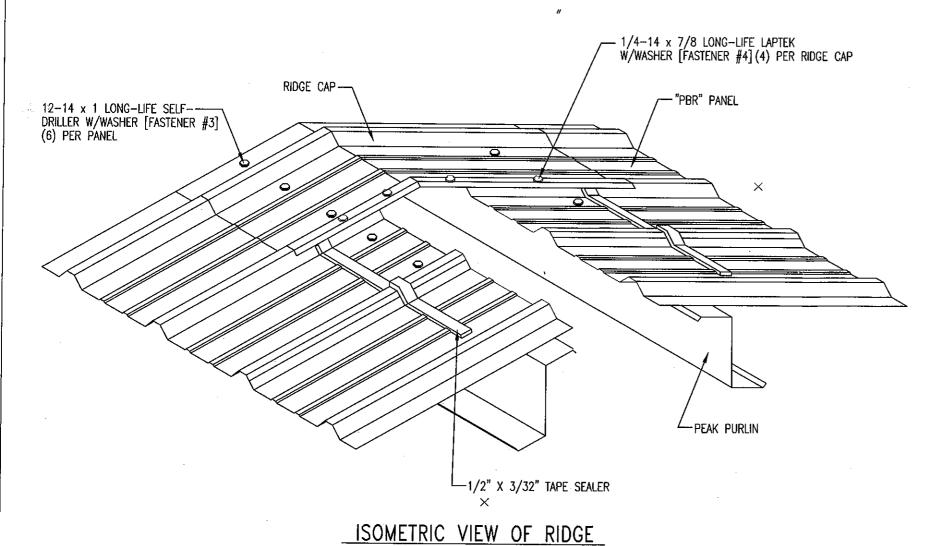


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TYPICAL DETAILS OF RIDGE



CROSS SECTION OF RIDGE

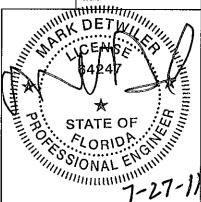


PRODUCT REVISED as complying with the Florida Building Code Acceptance No || - 08 | 0.07 Expiration Date 02/27/20

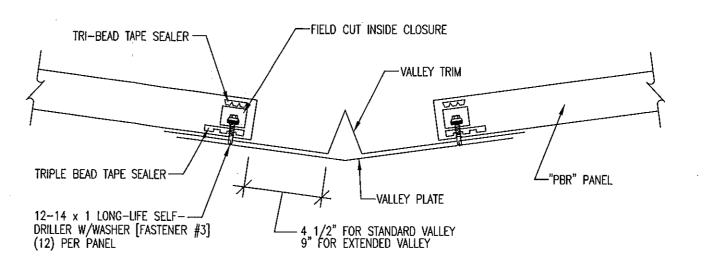
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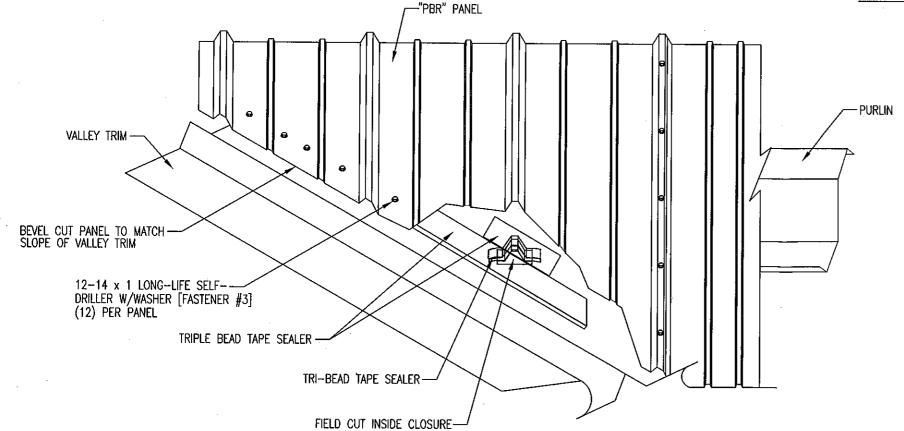
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TYPICAL DETAILS OF VALLEY



CROSS SECTION OF VALLEY



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as complying with the Florida
Building Code
Acceptance No || - 08 | 0 - 07
Expiration Date 07/27/2013

Milami Dado Product Control

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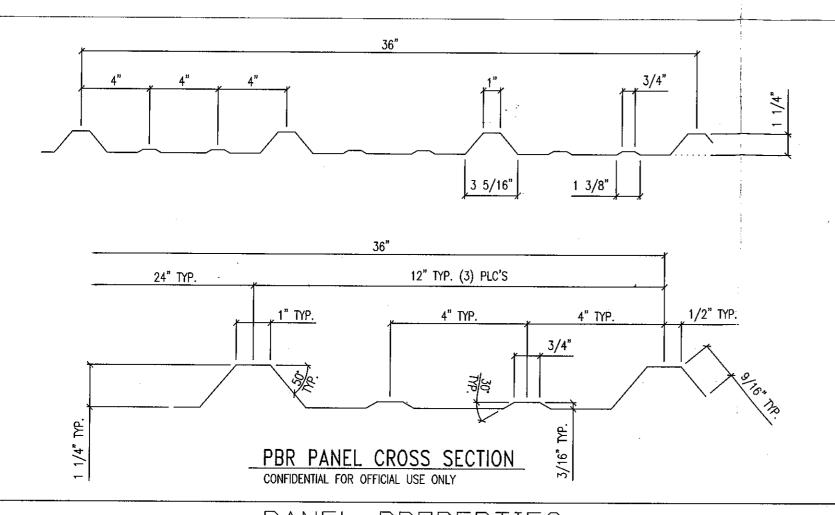
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RECORD.

STATE OF CORIDA CHAIN

ISOMETRIC VIEW OF VALLEY



PROPERTIES PANEL YIELD PANEL PANEL ELONGATION **TENSILE** HARDNESS STEEL PAINT COATINGS STRENGTH **GAUGE** THICKNESS STRENGTH COATING 24 SIG 300 KYNAR .024 MIN. 50 KSI 55-70 KSI 20-36% 50-65 HRB AZ 55 22 .029 MIN. 50 KSI 55-70 KSI 20-36% 50-65 HRB AZ 55 SIG 300 KYNAR

PANEL ACCESSORIES

CONSTRUCTION FASTENERS INC. SPRING STREET AND VAN REED ROAD P.D. BOX 6326, WYDMISSING PA 19610

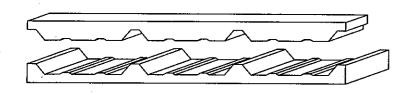
#14 X 7/8" LAP TEK W/BOND SEAL WASHER

#12 X 1 SDS W/EPDM WASHER

#12 X 1 TEK 2 W/BOND SEAL WASHER

#14 X 7/8' LAP TEK W/EPDM WASHER

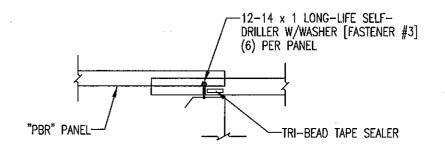
WG-7 INSIDE/OUTSIDE CLOSED CELL POYETHYLENE FOAM



GULF-SEAL SPECIALTIES, INC. P.O. BOX 508 SOUTH HOUSTON, TX 77587 1/2 X 3/32 TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPLENE) TRI-BEAD TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPLENE) TRIPLE BEAD TAPE SEALER MB-10A (POLYISOBUTYLENE-ISOPLENE) SCHNEE-MOREHEAD, INC. 111 NORTH NURSERY ROAD

IRVING, TX 75060

PERMATHANE URETHANE CAULK



1/4-14 x 7/8 LONG-LIFE LAPTEK — W/WASHER [FASTENER #4] @ 12" O.C. TAPE SEALER

NOTES:

1. THE 22 GAGE OR 24 GAGE PBR PANELS SHALL BE USED FOR ROOF CONSTRUCTION ONLY. THE ACTUAL ROOF PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE DRAWINGS INCLUDING:

A. DETAILS OF ALL PANEL MATERIAL CHARACTERISTICS AND SECTIONS WITH DIMENSIONS AND THICKNESS

B. ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS FASTENERS DIAGRAM WITH SIZE AND LOCATION.

C. PANEL MAXIMUM SPAN AND PRESSURE FOR THE FIELD PERIMETERS AND CORNERS

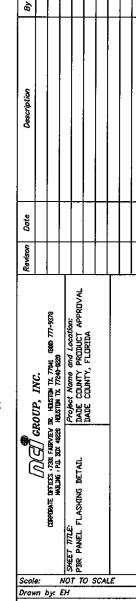
2. THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 24 GAGE STEEL FOR PANEL ARE AS FOLLOWS:

	<u>MAXIMUM PANEL SPAN</u>	MAXIMUM PRESSURE (psf)
FIELD ZONE *	4'-0"	49.40
PERIMETER ZONE *	2'-0"	147.00
CORNER ZONE *	1'-0"	212.00
* ONE (1)-#14 TEK	FASTENER PLACED ON ONE SIDE	E OF EACH RIB (i.e. 1-#14 @
12")		

3. THE MAXIMUM ALLOWABLE SPANS AND PRESSURES FOR THE 22 GAGE STEEL FOR PANEL ARE AS FOLLOWS:

	<u>maximum pan</u>	<u>EL SPAN</u>	<u>maximum p</u>	RESSURE	(psf)	
FIELD ZONE * *	4'-0"		53.0	0		
PERIMETER ZONE **	2'-0"		169.	.00		
CORNER ZONE **	1'-0"		238.00			
** ONE (1)-#14 TEK	FASTENER PLACED	ON EACH S	SIDE OF EACH	RIB (i.e.	2-#14	0
12")						

PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No 11-0810.07 Expiration Date 0



Checked by: JA

Sheet Number: [] [] THESE DRAWINGS AND THE NETAL COMPONENTS THEY REPRESENT ARE TH PRODUCT OF NCI GROUP OR ANOTHER INC. - 7301 FAIRVIEW DR. HOUSTON TO 77041. THE ENGINEER WHOSE SEAL APPEARS HEROIN IS EMPLOYED BY NOT GROUP DR. ANDITHER DIVISION DR. AFFILIATE OF NOT, GROUP, INC. AND IS NOT THE ENGINEER OF RECORD FOR THIS PROJECT. THESE DRAWINGS MUST INC. DRAWINGS MUST BE REVIEWED FOR PROJECT COMPLIANCE BY THE ENGINEER OF RECORD.

